-08-631-328-34

ALIGNMENTS

Sequence 4 Sequence 4 Sequence 5 Sequence 3 Sequence 3 Sequence 3 Sequence 3 Sequence 3 Sequence 3 Sequence 3

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CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/438,753B
FILING DATE: 10-MX-1995
CLASSIETCATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/139,891
FILING DATE: 19-OCT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/847,741
FILING DATE: 19-OCT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/818,050
FILING DATE: 09-MR-1992
PRIOR APPLICATION NUMBER: US 07/969,890
FILING DATE: 30-OCT-1993
PRIOR APPLICATION NUMBER: US 07/969,890
FILING DATE: 30-OCT-1992
ATTORNEY/AGENT INFORMATION:
NAME: Sholtz, Charles K.
REGISTRATION NUMBER: 38,615
                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 2, Application US/08438753B
Patent No. 5705363
GENERAL INFORMATION:
APPLICANT: Inakawa, Kazuhito
TITLE OF INVENTION: Interferon Tau Compositions and
TITLE OF SEQUENTION: Methods of Use
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
              US-08-455-524B-44
US-08-455-021B-4
US-08-455-021B-44
US-09-045-467-44
US-09-045-467-44
US-08-438-753B-32
US-08-443-883A-32
US-08-68-1328-32
US-08-68-1328-32
US-08-455-021B-32
US-09-045-047-32
US-09-06-936-18
US-09-206-936-18
US-09-206-936-18
US-09-206-936-18
US-08-433-893A-34
US-08-443-883A-34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Dehlinger & Associates
STREET: 350 Cambridge Ave., Suite 250
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 5600-0001.30
TELECOMMUTCATION:
TELEPHONE: 415-324-0880
TELEPHONE: 415-324-0960
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 172 amino acids
TYPE: amino acid
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INFORMATION FOR SEQ ID NO
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MEDIUM TYPE: Floppy
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USA
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STATE:
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tter than or equal to the score of the result being printed,
ived by analysis of the total score distribution.
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/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
                GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-631-328-2
US-08-455-524B-2
US-08-455-524B-2
US-09-045-467-2
US-09-206-938-18
US-09-206-935-23
US-09-206-935-16
US-09-206-935-16
US-09-206-935-16
US-09-206-935-16
US-09-206-935-16
US-08-438-12
US-08-43-12
US-08-43-12
US-08-43-12
US-08-43-12
US-08-43-883A-12
US-08-43-467-12
US-08-43-467-12
US-08-43-467-12
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Maximum Match 100%
Listing first 45 summaries
                                                                                 OM protein - protein search, using sw model
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length: 2000000000
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and is derived by
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Maximum DB seq
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SEQUENCE CHARACTERISTICS:
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                                                      LENGTH:
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                                                                                                                                                                                                                                                                                                                     Gaps
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                                                                                                                                                                                                                                                                                                                                                                                       16 QNLRHLSSMSNSFPVECLRENIAFELPQEFLQYTQPMKRDIKKAFYEMSLQAFNIF-SQH 74
                                                                                                                                                                                                                                                                                                                         22;
                                                                                                                                                                                                                                          Length 172;
                                                                                                                                                                                                                                                                                                                         50; Indels
                                              amino acid sequence of a mature
OvIFNtau protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Johnson, Howard M.
APPLICANT: Pontzer, Carol H.
APPLICANT: Ott, Troy L.
APPLICANT: Van Heeke, Giloo
APPLICANT: Imakawa, Kazuhito
TITLE OF INVENTION: Interferon Tau Compositions and
TITLE OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/443,883A
                                                                                                                                                                                                                                      ch 24.5%; Score 235; DB 1;
1 Similarity 34.4%; Pred. No. 2.1e-17;
54; Conservative 31; Mismatches 50.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        131 SSLELRRYFHRIDNFLKEKKYSDCAWEIVRVEIRRCL 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 5600-0001.30 TELECOMMUNICATION INFORMATION: TELEPHONE: 415-324-0880
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               350 Cambridge Ave., Suite 250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNDRER: US 08/139,891
FILING DATE: 19-0CT-1993
PRIOR APPLICATION DATA:
APPLICATION UNDRER: US 07/847,741
FILING DATE: 09-MAR-1992
FRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Dehlinger & Associates
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/969,890
FILING DATE: 30-CCT-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 07/318,050 FILING DATE: 02-MAR-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 2, Application US/08443883A
Patent No. 5738843
GENERAL INFORMATION:
APPLICANT: Bazer, Fuller W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        33,875
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Fabian, Gary R. REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE:
; INDIVIDUAL ISOLATE:
US-08-438-7538-2
                                                                                                                                                                                                                               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Palo Alto
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ZIP: 94306
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
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                                                                                                                                                                                                                                                                            22;
                                                                                                                                                                                                                                Length 172;
                                                                                                                                                                                                                                                                          50; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Johnson, Howard M.
APPLICANT: Pontzer, Carol H.
APPLICANT: Subramaniam, Prem S.
TITLE OF INVENTION: Hybrid Interferon Compositions and
TITLE OF INVENTION: Methods of Use
CORRESPONDENCE: 55
CORRESPONDENCE ADDRESS:
                                                                                                               amino acid sequence of a mature
OvIFNtau protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INDIVIDUAL ISOLATE: amino acid sequence of a mature
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CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/631,328
FILING DATE: 12-APR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:

APPLICATION DATA:

APPLICATION DATA:

APPLICATION NUMBER: US 08/438,753
FILING DATE: 10-MAY-1995
ATTORNEY/AGENT INFORMATION:

NAME: Sholtz, Charles K.

REGISTRATION NUMBER: 38,615
REFERENCE/DOCKET NUMBER: 5600-0001.34
TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                            24.5%; Score 235; DB 1; 34.4%; Pred. No. 2.1e-17; Live 31; Mismatches 50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                131 SSLELRRYFHRIDNFLKEKKYSDCAWEIVRVEIRRCL 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Deblinger & Associates
STREET: 350 Cambridge Ave., Suite 250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2, Application US/08631328
Patent No. 5939286
GENERAL INFORMATION:
APPLICANT: Johnson, Howard M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 415-324-0960 INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Floppy disk
172 amino acids
                                                                                                                                                                                                                            Query Match
Best Local Similarity 34.48
Matches 54; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              172 amino acids
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                                     TOPOLOGY: Inear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: protein ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                          INDIVIDUAL ISOLATE:
; INDIVIDUAL ISOLATE:
US-08-443-883A-2
                       amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
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SEQUENCE CHARACTERISTICS:
LENGTH: 172 amino ació
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                                                                                                                                                                 Gaps
                                                                                                                                             16 QNLRHLSSMSNSFPVECLRENIAFELPQEFLQYTQPMKRDIKKAFYEMSLQAFNIF-SQH 74
                                                                                                          22;
                                                                       Length 172;
                                                                                                          50; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Bazer, Fuller W.
APPLICANT: Johnson, Howard M.
APPLICANT: Dontser, Carol H.
APPLICANT: Van Heeke, Gino
TITLE OF INVENTION: Interferon Tau Compositions and
TITLE OF INVENTION: Methods of Use
NUMBER OF SQUENCES: 44
COMPRESSOURCE ADDRESS:
                                                                                                                                                                                                                                        SUFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455,524B
FILING DATE: 31-MAY-1995
CLASSIFICATION: 435
                                                                   ch 24.5%; Score 235; DB 2;
1 Similarity 34.4%; Pred. No. 2.1e-17;
54; Conservative 31; Mismatches 50
                                                                                                                                                                                                                                                                                        131 SSLELRRYFHRIDNFLKEKKYSDCAWEIVRVEIRRCL 167
                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 5600-0001.32
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-324-0880
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    E: Dehlinger & Associates
350 Cambridge Ave., Suite 250
 OvIFNtau protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA.
APPLICATION NUMBER: US 08/438,753
FILING DATE: 10-MAX-1995
PRIOR APPLICATION DATA.
APPLICATION DATA.
RELING DATE: 19-0CT-1993
PRIOR APPLICATION DATA.
APPLICATION NUMBER: US 07/847,741
FILING DATE: 09-MAR-1992
PRIOR APPLICATION DATA.
APPLICATION NUMBER: US 07/318,050
FILING DATE: 02-MAR-1989
PRIOR APPLICATION NUMBER: US 07/318,050
FILING DATE: 30-0CT-1993
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 2, Application US/08455524B Patent No. 5942223
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REGISTRATION NUMBER: 38,
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MEDIUM TYPE: Floppy
; INDIVIDUAL ISOLATE:
US-08-631-328-2
                                                                     Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                     22;
                                                                                                                                                                                                                                            Length 172;
                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                    amino acid sequence of a mature OvIFNtau protein
                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Ott, Troy L.
APPLICANT: Van Heeke, Gino
APPLICANT: Indakawa, Kazuhito
TITLE OF INVENTION: Interferon Tau Compositions and
TITLE OF INVENTION: Methods of Use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                        24.5%; Score 235; DB 2;
34.4%; Pred. No. 2.1e-17;
tive 31; Mismatches 50
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REGISTRATION NUMBER: 38,615
REFERENCE/DOCKET NUMBER: 5600-0001.31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRICE APPLICATION DATA:
APPLICATION NUMBER: US 08/139,891
FILING DATE: 19-0CT-1993
PRICE APPLICATION DATA:
APPLICATION NUMBER: US 07/847,741
FILING DATE: 09-MR-1992
PRICE APPLICATION DATA:
APPLICATION NUMBER: US 07/318,050
FILING DATE: 02-MR-1989
PRICE APPLICATION NUMBER: US 07/969,890
APPLICATION NUMBER: US 07/969,890
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CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Dehlinger & Associates
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2, Application US/08455021B GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Bazer, Fuller W. APPLICANT: Johnson, Howard M. APPLICANT: Pontzer, Carol H. APPLICANT: Ott, Troy L. APPLICANT: Van Hecke, Gino APPLICANT: Imakawa, Kazuhito
TOPOLOGY: 1:00 acids TYPE: amino acids TOPOLOGY: 1:00 acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                          Query Match
Best Local Similarity 34.4%
Matches 54; Conservative
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                                                                                         MOLECULE TYPE: protein SIGNIAL SOURCE: INDIVIDUAL ISOLATE: a INDIVIDUAL ISOLATE: CUS-08-455-5248-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Palo Alto
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INDIVIDUAL ISOLATE: amino acid sequence of
        5600-0001.36
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE DESCRIPTION: SEQ ID NO: 2: US-09-045-467-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM: DOS
SOFTWARE: FastESO for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/954,395A
FILING DATE: Filed Herewith
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STREET: 350 Cambridge Ave., Suite 250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Dehlinger, Peter J
REGISTRATION NUMBER: 27008
REFERENCE/DOCKET NUMBER: 5600-0001.35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 18, Application US/08954395A Patent No. 6204022 GENERAL INFORMATION:
                      TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-324-0880
TELEFAX: 650-324-0960
INFORMATION FOR SEQ ID NO: 2:
        REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Johnson, Howard M.
APPLICANT: Subramaniam, Prem S.
APPLICANT: Pontzer, Carol H.
APPLICANT: Villaretc, Lorelie H.
APPLICANT: Campos, Jackeline
                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 172 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Chung, Albert D.
APPLICANT: Li, Wayne W.
APPLICANT: Li, Philip T.
TITLE OF INVENTION: LOW-TOXIC
TITLE OF INVENTION: ANALOG
NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: (
FILING DATE: 12-APR-1
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MEDIUM TYPE: Diskett
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CITY: Palo Alto
STATE: CA
COUNTRY: USA
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                                                                                                                                                                                                                                                                                                          24.5%; Score 235; DB 2; Length 172; 34.4%; Pred. No. 2.1e-17; Live 31; Mismatches 50; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AFFLACE. Carol H. Pontzer, Carol H. TITLE OF INVENTION: Interferon Tau Compositions and Methods of Use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                          amino acid sequence of a mature OviFNtau protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      131 SSLELRRYFHRIDNFLKEKKYSDCAWEIVRVEIRRCL 167
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FILING DATE: 31-MAY-1995
APPLICATION NUMBER: US 08/438,753
FILING DATE: 10-MAY-1995
FILING DATE: 10-MAY-1993
FILING DATE: 19-OCT-1993
APPLICATION NUMBER: US 07/847,741
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 09-MAR-1992
APPLICATION NUMBER: US 07/318,050
FILING DATE: 02-MAR-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/045,467
FILING DATE: 20-Mar-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 07/969,890
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NAME: Dehlinger, Peter J.
REGISTRATION NUMBER: 28,006
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US-09-045-467-2
; Sequence 2, Application US/09045467
; GENERAL INFORMATION:
. APPLICANT: Johnson, Howard M.
Pontzer, Carol H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 30-OCT-1992
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TELECOMMUNICATION INFORMATION:
                                                          INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 44
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                  : 415-324-0880
415-324-0960
                                                                                                LENGTH: 172 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                  Conservative
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                                                                                                                                                                protein
                                                                                                                                                                                                        INDIVIDUAL ISOLATE: INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
                                                                                                                      TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: proté
ORIGINAL SOURCE:
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Matches 54; Conserv
                  TELEPHONE:
                                                                                                                                                                                                                                                US-08-455-021B-2
                                           TELEFAX:
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75 TFKYWKERHLKQIQIGLDQQAEYLNQC----LEEDENENEDMKEMKENEMRPSEARVPQL 130
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                                                       22;
Ouery Match 24.5%; Score 235; DB 4; Length 172; Best Local Similarity 34.4%; Pred. No. 2.1e-17; Matches 54; Conservative 31; Mismatches 50; Indels
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US-09-206-935-23
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                                      US-09-202-122-8
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                                                                                                                                                                                                                                                                                                  SEQ ID NO 8
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              22 LGCDLPQNHGLLSRNTLVLLHQMRRIS---PFLCLKDRRDFRFPQEMVKGSQLQKAHVMS 78
                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                       16 QNLRHLSSMSNSFPVECLRENIAFELPQEFLQYTQPMKRDIKKAFYEMSLQAFNIF-SQH 74
                                                                                                                                                                                                                                                                                                                                                                                                     13 ENLKLLDRMNRLSPHSCLQDRKDFGLPQEMVEGDQLQKDQAFPVLYEMLQQSFNLFYTEH 72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 LDCNLLNVH--LRRVTWQNLRHLSSMSNSFPVECLRENIAFELPQEFLQYTQPMKRDIKK 58
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                                                                                                                                                                                                                                                                                                  Length 172;
                                                                                                                                                                                                                                                                                                                                     50; Indels
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Pred. No. 2.1e-17;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Chen, Jian
APPLICANT: Godowski, Paul J.
APPLICANT: Godowski, Paul J.
APPLICANT: Wood, William I.
APPLICANT: Mondy, Dong-Xiao
TITLE OF INVENTION: NOVEL TYPE I INTERFERONS
FILE REFERENCE: P1224-2R1
CURRENT APPLICATION NUMBER: US/09/206, 903A
CURRENT FILING DATE: 1998-12-07
PRIOR APPLICATION NUMBER: US 60/106, 463
PRIOR FILING DATE: 1998-10-30
NUMBER OF SEQ ID NOS: 12
                                                                                                                                                                                                            LIBRARY: GenBank Accessn. Y00287, PID g1358 CLONE: Ovine IFN-tau, mature protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              131 SSLELRRYFHRIDNFLKEKKYSDCAWEIVRVEIRRCL 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                54; Conservative 31; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      25; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 8, Application US/09206903A Patent No. 6200780
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-324-0880
TELEFAX: 650-324-0960
                                                                                                                                                                                                                                                                                                  24.5%;
34.4%;
                                                                                                       ENGTH: 172 amino acids YPE: amino acid
                                                                  INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                           single
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Best Local Similarity
                                                                                                                                                          linear
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Matches 60; Conserv
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MOLECULE TYPE: I
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59 AFYEMSLQAFNIF-SQHTFKYWKERHLKQIQIGLDQQAEYLNQCLEEDENENEDMKEMKE 117
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                                                                                                                                                                                      HUMAN INTERFERON-EPSILON: A TYPE I INTERFERON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 195;
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35.1%; Pred. No. 2.8e-17;
iive 25; Mismatches 67
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APPLICANT: Godowski, Paul
APPLICANT: Wood, William I.
APPLICANT: Zhang, Dong-Xiao
TILE OF INVENTION: NOVEL TYPE I INTERFERONS
FILE REFERENCE: 11669.50US05
                                                                     APPLICANT: Chen, Jian
APPLICANT: Godowski, Paul
APPLICANT: Godowski, Paul
APPLICANT: Wood, William I.
APPLICANT: Lhang, Dong-Xiao
TITLE OF INVENTION: HUMAN INTERFERON-EPSILO)
FILE REFERENCE: P1224R2 (filed)
CURRENT APPLICATION NUMBER: US/09/202,122
CURRENT FILING DATE: 1999-03-04
PRIOR APPLICATION NUMBER: PCT/US98/25672
PRIOR FILING DATE: 1998-12-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               24.4%; Score 234.5; 35.1%; Pred. No. 2.8
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-CURRENT FILING DATE: 1998-12-07
EARLIER APPLICATION NUMBER: 60/084,045
EARLIER FILING DATE: 1998-05-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 23, Application US/09206935 Patent No. 6299877
Sequence 8, Application US/09202122
Patent No. 6299869
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SOFTWARE: PatentIn Ver. 2.0
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Best Local Similarity
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Best Local Similarity
Matches 60; Conserva
                                                   GENERAL INFORMATION:
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US-08-438-753B-12
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59 AFYEMSLQAFNIF-SQHTFKYWKERHLKQIQIGLDQQAEYLNQCLEEDENENEDMKEMKE 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CNLLNVH--LRRVTWQNLRHLSSMSNSFPVECLRENIAFELPQEFLQYTQPMKRDIKKAF 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 CDLPQNHGLLSRNTLVLLHQMRRIS---PFLCLKDRRDFRFPQEMVKGSQLQKAHVMSVL 57
                  Length 162;
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                                                                                  118 NEMKPSEARVPQLSSLELRRYFHRIDNFLKEKKYSDCAWEIVRVEIRRCLY 168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        120 MKPSEARVPQLSSLELRRYFHRIDNFLKEKKYSDCAWEIVRVEIRRCLY 168
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Patent No. 6299877
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Godowski, Paul
APPLICANT: Godowski, Paul
APPLICANT: Abod, William I.
APPLICANT: BOF III Shows I.
FILE REFERENCE: 11669.50US05
CURRENT APPLICATION NUMBER: 60/084,045
EARLIER APPLICATION NUMBER: 60/084,045
SOFTWARE: PATENT VET. 1998-05-04
SOFTWARE: PATENT VET. 2.0
SEQ ID NOS: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  25; Mismatches
                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Olsen, et al.
TITLE OF INVENTION: Synferon
FILE REFERENCE: PF404
CURRENT APPLICATION NUMBER: US/09/205,264
CURRENT FILLING DATE: 1998-12-02
EARLIER FILLING DATE: 1997-12-05
NUMBER OF SEQ ID NOS: 9
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 231.5;
Pred. No. 4.6
                                                                                                                                                                               Sequence 3, Application US/09205264 Patent No. 6114145
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34.9%;
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34.28;
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Best Local Similarity
Matches 59; Conserva
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Best Local Similarity
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US-09-205-264-3
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58 KAFYEMSLQAFNIFS-QHTFKYWKERHLKQIQIGLDQQAEYLNQC-----LEEDENENE 110
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  Gaps
                                            1 LDCNLLNVHL----RRVTWQNLRHLSSMSNSFPVECLRENIAFELPQEFLQYTQPMKRDIK 57
                                                                          22 LGCNLSQTHSLNNRR----TLMLMAQMRRISPFSCLKDRHDFEFPQEEFDGNQFQKAQAI 77
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  33;
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  Indels
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Methods of Use
  74;
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Sequence 16, Application US/09206936A
Patent No. 6300475;
GENERAL INFORMATION:
APPLICANT: Chen, Jian
TITLE OF INVENTION: NO. 6300475el Inteferon
FILE REFERENCE: P1224R1
CURRENT APPLICATION NUMBER: US/09/206,936A
CURRENT APPLICATION NUMBER: US/09/206,936A
CURRENT APPLICATION NUMBER: US 60/067,897
EARLIER FILING DATE: 1998-12-07
EARLIER FILING DATE: 1998-12-07
CONTROL OF SEQ ID NOS: 22
Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mismatches
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TITLE OF INVENTION: Methods of Use
NUMBER OF SEQUENCES: 44
NUMBERSPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: 350 Cambridge Ave., Suite 250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 12, Application US/08438753B Patent No. 5705363 GENERAL INFORMATION:
  18;
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  Conservative
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US-09-206-936-16
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Best Local Similarity
Matches 65; Conserva
                                                                                                                                                                                                                                                                                                                      171 YKFTALFRRK 180
                                                                                                                                                                                                                                                                                                                                                                     179 TNLOKRLRRK 188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     171 YKFTALFRRK 180
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Search completed: March 3, 2002, 16:58:13
Job time: 3505 sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               22 LGCDLSQNHV-LVGRKNLRLLDEMRRLSPRFCLQDRKDFALPQEMVEGGQLQEAQAISVL 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 LDCNLLNVHLRRVTWQNLRHLSSMSNSFPVECLRENIAFELPQEFLQYTQPMKRDIKKAF 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 1; Length 195;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   predicted amino acid coding sequence of SEQ ID NO:11 (HuIFNtaul).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               24.1%; Score 231.5; DB 1; Length 1 36.1%; Pred. No. 5.9e-17; Live 25; Mismatches 66; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Process for Preparing and Purifying TITLE OF INVENTION: alpha-Interferon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      120 MKPSEARVPQLSSLELRRYFHRIDNFLKEKKYSDCAWEIVRVEIRR 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/438,753B FILING DATE: 10-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Sholtz, Charles K.
REGISTRATION NUMBER: 38,615
REFERENCE/DOCKET NUMBER: 5600-0001.30
TELECOMUNICATION INFORMATION:
TELEPHONE: 415-324-0880
                                                                                                                                                                                                                                                                             PRIOR APPLICATION TATA:
APPLICATION NUMBER: US.08/139,891
FILING DATE: 19-0CT-1993
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/847,741
FILING DATE: 09-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/318,050
FILING DATE: 02-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/969,890
FILING DATE: 30-0CT-1992
ATTORNEY, AGENT INFORMATION:
                                                                                                                                               OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 9, Application US/08249671A
Patent No. 5710027
GENERAL INFORMATION:
APPLICANT: Hauptmann, R.
APPLICANT: Falkner, E.
                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: 415-324-0880
TELEFAX: 415-324-0960
INPERMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Bodo, G.
Voa, T.
Maurer-Fogy, I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       : 195 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 36.19
Matches 60; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: protein ORIGINAL SOURCE:
                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INDIVIDUAL ISOLATE: INDIVIDUAL ISOLATE:
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Palo Alto
                                                            94306
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APPLICANT: E
APPLICANT: V
APPLICANT: V
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                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              132
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61 YEMSLQAFNIF-SQHTFKYWKERHLKQIQIGLDQQAEYLNQCLEEDENEDMKEMKENE 119
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 195;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          66; Indels
                                                                                                                                                                                                        SUFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/249,671A
FILING DATE: 26-MAY-1994
CLASSIFICATION: 435
                                      E: Sterne, Kessler, Goldstein & Fox P.L.L.C. 1100 New York Avenue, Suite 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 231.5; DB 1
Pred. No. 5.9e-17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          25; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                        0652.1350000
                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.
REGISTRATION NUMBER: 32,893
                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 06
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEPEAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 24.1%;
Best Local Similarity 34.9%;
Matches 59; Conservative 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 195 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; MOLECULE TYPE: protein US-08-249-671A-9
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                             STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
                                                                               Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
                                      ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
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version 4.5
- 2000 Compugen Ltd.
GenCore
Copyright (c) 1993
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OM protein - protein search, using sw model

March 3, 2002, 16:58:12; Search time 84.63 Seconds Run on:

(without alignments) 54.776 Million cell updates/sec US-09-487-792-2_COPY_2_207

Perfect score:

1096 1 STKPDMIQKCLWLEILMGIF......VEIRRCLYYFYKFTALFRRK 206 Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

212252 seqs, 22503292 residues Searched: Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Issued_Patents_AA:* Database

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/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description	Sequence 22, Appl	6	Sequence 30, Appl	σì	7,	7,		Sequence 3, Appli	. 5	Sequence 9, Appli	œ	Sequence 8, Appli	Sequence 23, Appl		16,	12,	12,	12,	12,	•	Sequence 12, Appl	Seguence 2, Appli	Sequence 2, Appli	7	Sequence 2, Appli	Sequence 2, Appli	Sequence 2, Appli
	σı	US-08-026-758-22	US-09-206-903A-9	US-08-406-030A-30	US-09-202-122-9	σ	us-09-206-936-7	5514567-1	US-08-912-768-3	5326859-1	US-08-249-671A-9	US-09-206-903A-8	US-09-202-122-8	US-09-206-935-23	206-	206-936-	-438-7		328-	-455-	3-455-021	-467-	-438-	8-443-8	-631-	-80-	-08-455-021B	US-09-045-467-2
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	Match Length DB	187	187	187	187	187	187	187	187	187	195	195	195	195	189	189	195	195	195	195	195	195	172	172	172	172	172	172
, e	Match				22.5	ď.		22.5	22.4	22.4				21.8														
	Score	246.5	246.5			246.5	246.5	246.5	245.5	245.5	239.5	238.5	238.5	238.5	236	236	236	236	236	236	236	236	235.5	235.5	235.5	235.5	235.5	235.5
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Gaps

App1	Appl	Appl	Appli	Appl	Appl			Appl		Appl	. 5510472	Appli	44, Appl	4, Appli	44, Appl	Appli	Appl
18,	18,	18,	ω,	32,	32,	32,	32,	32,	32,	78,	55	4,	44,	4	44,	4,	44,
Sequence 18,	Seguence	Sequence	Sequence	Sequence	Sequence				Sequence	Sequence	Patent No.	Sequence	Sequence 44, App	Sequence	Sequence	Sequence	Sequence
US-08-954-395A-18	US-09-206-935-18	US-09-206-936-18	US-09-205-264-3	US-08-438-753B-32	US-08-443-883A-32	US-08-631-328-32	US-08-455-524B-32	US-08-455-021B-32	US-09-045-467-32	US-09-339-913B-78	5510472-9	US-08-438-753B-4	US-08-438-753B-44	US-08-443-883A-4	US-08-443-883A-44	US-08-631-328-4	US-08-631-328-44
4	4	4	٣	Т	П	~	~	~	4	4	9	П	П	-	1	7	~
172	189	189	162	195	195	195	195	195	195	166	199	172	172	172	172	172	172
21.5	21.3	21.3	21.2	21.1	21.1	21.1	21.1	21.1	21.1	21.0	20.9	20.8	20.8	20.8	20.8	20.8	20.8
235.5	233	233	232	231.5	231.5	231.5	231.5	231.5	231.5	230.5	229.5	228.5	228.5	228.5	228.5	228.5	228.5
80	53	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	5

ALIGNMENTS

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Sequence 22, Application US/08026758

Patent No. 5780021

GENERAL INFORMATION:
APPLICANT: SOBEL, DOUGLAS O.
TITLE OF INVENTION: A METHOD FOR TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES USING ALPHA-INTERFERON AND/OR BETA-INTERFERON
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
ADDRESSEE: P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         29;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                            1755 S. Jefferson Davis Highway, Suite 400
                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/026,758
FILING DATE: 19930305
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 22.5%; Score 246.5; DB 1; Best Local Similarity 32.9%; Pred. No. 9e-19; Matches 68; Conservative 26; Mismatches 84;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /note= "Hu-IFN-beta"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 22:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 187 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: unknown MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; LOCATION: 22..187
; OTHER INFORMATION:
US-08-026-758-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: Protein
                                                                                                                                                                                                        STREET: 1755 S. CITY: Arlington STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 19
CLASSIFICATION:
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CORRESPONDENCE ADDRESS:
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                                                                                                           --TRGKLMSSLHLKRYYGRILHYLKAKEY 159
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       59 LRENIAFELPQEFLQYTQPMKRDIKKAFYEMSLQAFNIFSQHTFKY-WKERHLKQIQIGL 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  118 DQQAEYLNQCLEEDENENEDMKEMKENEMKPSEARVPQLSSLELRRYFHRIDNFLKEKKY 177
                                                                                    59 LRENIAFELPQEFLQYTQPMKRDIKKAFYEMSLQAFNIFSQHTFKY-WKERHLKQIQIGL 117
                                               1 MTNKCLLQIALLLCFSTTALSMSYNLLGFLQRSSNFQCQKLLWQ------LNGRLEYC 52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 MTNKCLLQIALLLCFSTTALSMSYNLLGFLQRSSNFQCQKLLWQ-----LNGRLEYC 52
             6 MIQKCLWLEILMGIFIAGTLSLDCNLL-----NVHLRRVTWQNLRHLSSMSNSFPVEC 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6 MIQKCLWLEILMGIFIAGTLSLDCNLL-----NVHLRRVTWQNLRHLSSMSNSFPVEC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      84; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Treco, Douglas A.
APPLICANT: Heartlein, Michael W.
APPLICANT: Heare, Brian M.
APPLICANT: Selden, Richard F
TITLE OF INVENTION: Protein Production and Delivery
NUMBER OF SEQUENCES: 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Chen, Jian
APPLICANT: Godowski, Paul J.
APPLICANT: Godowski, Paul J.
APPLICANT: Mod, William I.
APPLICANT: Abang, Dong-Xiao
TITLE OF INVENTION: NOVEL TYPE I INTERFERONS
FILERERERENCE: 19124-2R1
CURRENT FILING DATE: 1998-12-07
PRIOR APPLICATION NUMBER: US 60/106,463
PRIOR FILING DATE: 1998-10-30
NUMBER OF SEQ ID NOS: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                22.5%; Score 246.5; DB 32.9%; Pred. No. 9e-19; tive 26; Mismatches
                                                                                                                                                                                                                                                           | ||| |||||| | || || || SHCAWTIVRVEILRNFYFINRLTGYLR 186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  160 SHCAWTIVRVEILRNFYFINRLTGYLR 186
                                                                                                                                                                                                                                            178 SDCAWEIVRVEIRRCLYYFYKFTALFR 204
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             178 SDCAWEIVRVEIRRCLYYFYKFTALFR 204
                                                                                                                                                                                          US-08-406-030A-30
; Sequence 30, Application US/08406030A
; Patent No. 6270989
                                                                                                                                                                                                                                                                                                                                                                              Sequence 9, Application US/09206903A Patent No. 6200780
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      68; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION: APPLICANT: Chen, J
                                                                                                                                                                                                                                                                                                                                                       US-09-206-903A-9
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59 LRENIAFELPQEFLQYTQPMKRDIKKAFYEMSLQAFNIFSQHTFKY-WKERHLKQIQIGL 117
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ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 22.5%; Score 246.5; DB Best Local Similarity 32.9%; Pred. No. 9e-19; Matches 68; Conservative 26; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 07/787,840
FILING DATE: 05-NOV-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/789,188
FILING DATE: 05-NOV-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/11704
FILING DATE: 02-DEC-1993
                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 08/243,391
FILING DATE: 13-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/985,586
FILING DATE: 03-DEC-1992
PRIOR APPLICATION NUMBER: US 07/911,533
APPLICATION NUMBER: US 07/911,533
FILING DATE: 10-JUL-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/406,030A
FILING DATE: 17-MAR-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PCT/US92/09627
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 05-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/POCKET NUMBER: TYT9
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (617) 861-9540 INFORMATION FOR SEQ ID NO: 30:
                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
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                                                                               Massachusetts
                                                                                                                                                         COMPUTER READABLE FORM:
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;Patent No. 5514567
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                                                                                                                                                                                                                                                                                                                                                                                                                                    6 MIQKCLWLEILMGIFIAGTLSLDCNLL-----NVHLRRVTWQNLRHLSSMSNSFPVEC
                                                             APPLICANT: Chen, Jian
APPLICANT: Godowski, Paul
APPLICANT: Godowski, Paul
APPLICANT: Wood, William I.
APPLICANT: Zhang, Dong-Xiao
TITLE OF INVENTION: HUMAN INTERFERON-EPSILON: A TYPE I INTERFERON
FILE REFERENCE: P1224R2 (filled)
CURRENT APPLICATION NUMBER: US/09/202,122
CURRENT FILING DATE: 1999-03-04
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9e-19;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Chen, Jian
APPLICANT: Godowski, Paul
APPLICANT: Godowski, Paul
APPLICANT: Wood, William I.
TITLE OF INVENTION: NOVEL TYPE I INTERFERONS
FILE REFERENCE: 11669, 50US05
CURRENT APPLICATION NUMBER: US/09/206,935
CURRENT FILING DATE: 1998-12-07
EARLIER FILING DATE: 1998-12-07
BARLIER FILING DATE: 1998-10-07
NUMBER: OF SEQ ID NOS: 24
                                                                                                                                                                                                                                                                                                                                                                                                    26; Mismatches
                                                                                                                                                                                                                                                                                                                                                                    Score 246.5;
Pred. No. 9e-
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               Sequence 9, Application US/09202122 Patent No. 6299869
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 7, Application US/09206935 Patent No. 6299877
                                                                                                                                                                                                                                                                                                                                                                  22.5%;
32.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                    68; Conservative
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                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS:
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Best Local Similarity
                                               GENERAL INFORMATION: APPLICANT: Chen, J
US-09-202-122-9
                                                                                                                                                                                                                                                                 LENGTH: 187
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118 DQQAEYLNQCLEEDENENEDMKEMKENEMKPSEARVPQLSSLELRRYFHRIDNFLKEKKY 177
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                                                                                                              LRENIAFELPQEFLQYTQPMKRDIKKAFYEMSLQAFNIFSQHTFKY-WKERHLKQIQIGL 117
28
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                                                    1 MTNKCLLQIALLLCFSTTALSMSYNLLGFLQRSSNFQCQKLLWQ-----LINGRLEYC
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---NVHLRRVTWQNLRHLSSMSNSFPVEC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           22.5%; Score 246.5; DB 4; 32.9%; Pred. No. 9e-19; ive 26; Mismatches 84;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Chen, Jian
APPLICANT: Wood, William I.
TITLE OF INVENTION: No. 6300475el Inteferon
FILE REFERENCE: P1224R1
CURRENT APPLICATION NUMBER: US/09/206,936A
CURRENT FILING DATE: 1998-12-07
EARLIER APPLICATION NUMBER: US 60/067,897
EARLIER FILING DATE: 1998-12-08
NUMBER OF SEQ ID NOS: 22
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/400,179
FILING DATE: 06-MAR-1995
FRICH APPLICATION DATA:
APPLICATION NUMBER: 389,922
FILING DATE: 18-JUN-1982
APPLICATION NUMBER: 201,359
                                                                                                                                                                                                                                                                                                                                                                      160 SHCAWTIVRVEILRNFYFINRLTGYLR 186
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6 MIQKCLWLEILMGIFIAGTLSLDCNLL----
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22.48;
32.98;
   22.4%;
32.9%;
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APPLICANT: Bodo, G.
APPLICANT: Voa, T.
APPLICANT: Maurer-Fogy, I.
                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 22.49
Best Local Similarity 32.99
Matches 68; Conservative
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, K
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 Query Match
Best Local Similarity
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APPLICANT: Hauptma
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US-08-249-671A-9
                                    68;
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                                                                                                                                                                                                                                          59 LRENIAFELPQEFLQYTQPMKRDIKKAFYEMSLQAFNIFSQHTFKY-WKERHLKQIQIGL 117
                                                                                                                                                                                           6 MIQKCLWLEILMGIFIAGTLSLDCNLL----NVHLRRVTWQNLRHLSSMSNSFPVEC 58
                                                                                                                                                                                                                                                                                                           118 DQQAEYLNQCLEEDENENEDMKEMKENEMRPSEARVPQLSSLELRRYFHRIDNFLKEKKY
                                                                                                    22.5%; Score 246.5; DB 6; Length 187; 32.9%; Pred. No. 9e-19;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: No. 6127332el Muteins Of IFN-Beta
NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: James F. Haley, Jr.
STREET: Fish & Neave, 1251 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,768
                                                                                                                                     84;
                                                                                                                                     26; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                  160 SHCAWTIVRVEILRNFYFINRLTGYLR 186
                                                                                                                                                                                                                                                                                                                                                                               178 SDCAWEIVRVEIRRCLYYFYKFTALFR 204
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/475,774
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 3, Application US/08912768
Patent No. 6127332
GENERAL INFORMATION:
APPLICANT: GOelz, Susan E
APPLICANT: Cate, Richard L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: B1.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 596-9000
TELEFA: (212) 596-9090
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        27,794
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APPLICANT: Chow, Pingchang E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Haley Jr., James F
REGISTRATION NUMBER: 27,7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Haley Jr., James F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 187 amino acids TYPE: amino acid
FILING DATE: 27-OCT-1980
                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS: ADDRESSEE: James F. I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; MOLECULE TYPE: protein US-08-912-768-3
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                                                                                                                Best Local Similarity
Matches 68; Conserv
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                                ENGTH: 187
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                                                                                                      Query Match
               SEQ ID NO:1
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59 LRENIAFELPQEFLQYTQPMKRDIKKAFYEMSLQAFNIFSQHTFKY-WKERHLKQIQIGL 117
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                118 DQQAEYLNQCLEEDENENEDMKEMKENEMKPSEARVPQLSSLELRRYFHRIDNFLKEKKY 177
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                                                                                                           6 MIQKCLWLEILMGIFIAGTLSLDCNLL-----NVHLRRVTWQNLRHLSSMSNSFPVEC 58
                                                                                                                                                                1 MTNKCLLQIALLLCFSTTALSMSYNLLGFLQRSSNFQCQKLLWQ-----LNGRLEYC 52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 MTNKCLLQIALLLCFSTTALSMSYNLLGFLQRSSNFQCQKLLWQ------LNGRIEYC 52
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No. 5326859

APPLICANT: Sugano, Haruo; Muramatsu, Masami; Taniguchi, Tadatsugu

TITLE OF INVENTION: DNA AND RECOMNINANT PLASMID
                                                       29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 187;
  Length 187;
                                                       Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 245.5; DB 6;
Pred. No. 1.2e-18;
5; Mismatches 84;
  DB 3;
Score 245.5; DB 3
Pred. No. 1.2e-18;
                                                       26; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 3
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/06/201,359
FILING DATE: 27-OCT-1980
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           178 SDCAWEIVRVEIRRCLYYFYKFTALFR 204
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        134 ENEDMKEMKENEMKPSEARVPQLSSLELRRYFHRIDNFLKEKKYSDCAWEIVRVEIRRCL 193
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| Wevesiatnayacoleponhgilsrntlyllhomrris---pficikdrrdfrepoemykg 68
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       17 MGIFIAGTLSLDCNLLNVH--LRRVTWQNLRHLSSMSNSFPVECLRENIAFELPQEFLQY 74
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 1; Length 195;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 21.9%; Score 239.5; DB 1; Length 1 Best Local Similarity 34.3%; Pred. No. 5.4e-18; Matches 62; Conservative 27; Mismatches 73; Indels
                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATE:
APPLICATION NUMBER: US/08/249,671A
FILLING DATE: 26-MAY-1994
                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0652.1350000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
ITELEPHONE: (202) 371-2600
INFORMATION FOR SEQ ID NO: 9:
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APPLICANT: Chen, Jian
APPLICANT: Godowski, Paul J.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Dong-Xiao
TITLE OF INVENTION: NOVEL TYPE I INTERFERONS
FILE REPERENCE: P1224-221
CURRENT APPLICATION NUMBER: US/09/206,903A
CURRENT FILING DATE: 1998-12-07
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PRIOR APPLICATION NUMBER: US 60/106,463
PRIOR FILING DATE: 1998-10-30
NUMBER OF SEQ ID NOS: 12
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                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 195 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-249-671A-9
                                                              COMPUTER READABLE FORM:
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D.C.
U.S.A.
                                                                                                                                                                                                          CLASSIFICATION:
                                           20002
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US-09-206-903A-8
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                            COUNTRY:
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21.8%; Score 238.5; DB 4; Length 195;

Query Match

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84 KAFYEMSLQAFNIF-SQHTFKYWKERHLKQIQIGLDQQAEYLNQCLEEDENENEDMKEMK 142
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                           Gaps
                                                                     26 SLDCNLLNVH--LRRVTWQNLRHLSSMSNSFPVECLRENIAFELPQEFLQYTQPMKRDIK 83
                                                                                                        21 SLGCDLPQNHGLLSRNTLVLLHQMRRIS---PFLCLKDRRDFRFPQEMVKGSQLQKAHVM 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    26 SLDCNLLNVH--LRRVTWQNLRHLSSMSNSFPVECLRENIAFELPQEFLQYTQPMKRDIK 83
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                        19;
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                                                                                                                                                                                                                                                                                      143 ENEMKPSEARVPQLSSLELRRYFHRIDNFLKEKKYSDCAWEIVRVEIRRCLY 194
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                           Indels
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Pred. No. 6.9e-18;
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APPLICANT: Godowski, Paul
APPLICANT: Godowski, Paul
APPLICANT: Wood, William I.
APPLICANT: Alang, Dong-Xiao
TITLE OF INVENTION: NOVEL TYPE I INTERFERONS
FILE REFERENCE: 11669.50USO5
CURRENT APPLICATION NUMBER: US/09/206,935
CURRENT FILING DATE: 1998-12-07
EARLIER PEPLING DATE: 1998-05-04
NUMBER OF SEQ ID NOS: 24
                           Mismatches
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CURRENT FILING DATE: 1999-03-04
PRIOR APPLICATION NUMBER: PCT/US98/25672
PRIOR FILING DATE: 1998-12-03
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APPLICANT: Godowski, Paul
APPLICANT: Wood, William I.
APPLICANT: ADANG, DONG-Xiao
TITLE OF INVENTON: HUMAN INTER
FILE REFERENCE: P1224R2 (filed)
35.5%;
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                        61; Conservative
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US-09-202-122-8
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Matches 61; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              63 QEEFDGNQFQKAQAISVLHEMMQQTFNLFSTKNSSAAWDETLLEKFYIELFQQMNDLEAC 122
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                                                                                                                                                                                                                 26 SLDCNLLNVH -- LRRVTWQNLRHLSSMSNSFPVECLRENIAFELPQEFLQYTQPMKRDIK 83
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             15 ILMGIFI---AGTLSLDCNLLNVHL---RRVTWQNLRHLSSMSNSFPVECLRENIAFELP 68
                                                                                                                                                                                                                                                                                                                        143 ENEMKPSEARVPQLSSLELRRYFHRIDNFLKEKKYSDCAWEIVRVEIRRCLY 194
                                                                                                                                                                                                                                                                                                                                                                                                     -----SAGAISSPALTLRRYFQGIRVYLKEKKYSDCAWEVVRMEIMKSLF 176
                                                                                                                                              Length 195;
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                                                                                                                                                                                   Indels
                                                                                                                                          DB 4;
                                                                                                                                      21.8%; Score 238.5; DB 4
illarity 35.5%; Pred. No. 6.9e-18;
Conservative 25; Mismatches 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 16, Application US/09206935
Patent No. 6299877
GENERAL INFORMATION:
APPLICANT: Godowski, Paul
APPLICANT: Wood, William I.
APPLICANT: Zhang, Dong-Xiao
TITLE OF INVENTION:
FILE REFERENCE: 11669.50US05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/206,935
CURRENT FILING DATE: 1998-12-07
EARLIER PFLING DATE: 1998-05-04
NUMBER OF SEQ ID NOS: 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Ver. 2.0
                                                         ; ORGANISM: Homo sapiens
US-09-206-935-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; ORGANISM: Homo sapiens US-09-206-935-16
                                                                                                                                      Query Match
Best Local Similarity
Matches 61; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity
SEQ ID NO 23
LENGTH: 195
TYPE: PRT
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US-09-206-936-16
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                                                                                                                                                                                                27 SLDCNLLNVH--LRRVTWQNLRHLSSMSNSFPVECLRENIAFELPQEFLQYTQPMKRDIK 84
                                                                                                                                                                                                                                 21 SLGCDLPQNHGLLSRNTLVLLHQMRRIS---PFLCLKDRRDFRFPQEMVKGSQLQKAHVM 77
                                                                                                                                                                                                                                                                                           16 ILMGIFI----AGTLSLDCNLLNVHL----RRVTWQNLRHLSSMSNSFPVECLRENIAFELP
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                                                                                                                         Length 195;
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                                                                                                                        ; Score 238.5; DB 4; Length; Pred. No. 6.5e-18; 25; Mismatches 67; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Chen, Jian
APPLICANT: Godowski, Paul
APPLICANT: Godowski, Paul
APPLICANT: Mood, William I.
APPLICANT: Anny, Dong-Xiao
TITLE OF INVENTION: NOVEL TYPE I INTERFERONS
FILE REFRENCE: 11669:50USO5
CURRENT APPLICATION NUMBER: US/09/206,935
CURRENT FILING DATE: 1998-12-07
EARLIER APPLICATION NUMBER: 60/084,045
EARLIER APPLICATION DATE: 1998-05-04
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PATENTIN VOR: 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 16, Application US/09206935 Patent No. 6299877
                                                                                                                      Query Match 21.7%;
Best Local Similarity 35.5%;
Matches 61; Conservative 2'
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                                                    ; ORGANISM: Homo sapiens US-09-206-935-23
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US-09-206-935-16
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Best Local Similarity
Matches 67; Conserva
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US-09-206-936-16
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SEQ ID NO 23
LENGTH: 195
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70 QEFLQYTQPMKRDIKKAFYEMSLQAFNIFS-QHTFKYWKERHLKQIQIGLDQQAEYLNQC 128
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   21.4%; Score 236; DB 4; 32.7%; Pred. No. 1.1e-17; ive 23; Mismatches 79
                   APPLICANT: Chen, Jian
APPLICANT: Wood, William I.
TITLE OF INVENTION: No. 6300475el Inteferon
FILE REFERENCE: P1224R1
CURRENT APPLICATION NUMBER: US/09/206,936A
CURRENT FILING DATE: 1998-12-07
EARLIER APPLICATION NUMBER: US 60/067,897
EARLIER FILING DATE: 1998-12-08
NUMBER OF SEQ ID NOS: 22
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Matches 67; Conservative
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GENERAL INFORMATION:
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                                                  COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
COMPUTER: DATEM: PC-DOS/MS-DOS
SOFTWARE: PATEMIN Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/249,671A
FILING DATE: 26-MAY-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         21.8%; Score 239.5; DB 1
34.3%; Pred. No. 5.1e-18;
iive 27; Mismatches 73
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APPLICANT: Godowski, Paul J.
APPLICANT: Wood, William I.
APPLICANT: Wood, William I.
APPLICANT: Anny, Dong-Xiao
TITLE OF INVENTION: NOVEL TYPE I INTERFERONS
FILE REPERENCE: P1224-2R1
CURRENT APPLICATION NUMBER: US/09/206,903A
CURRENT FILING DATE: 1998-12-07
PRIOR APPLICATION NUMBER: US 60/106,463
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                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: ESEMOND, ROBERT W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0652
TELECOMMUNICATION INFORMATION:
TELEFAX: (202) 371-2600
INFORMATION FOR SEQ ID NO: 9:
SEMENCE CHARACTERISTICS:
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MOLECULE TYPE: protein
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ORGANISM: Homo sapiens
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Best Local Similarity
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D.C.
: U.S.A.
                                                                                                                                                                                               FILING DATE: 26 CLASSIFICATION:
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85 KAFYEMSLQAFNIF-SQHTFKYWKERHLKQIQIGLDQQAEYLNQCLEEDENENEDMKEMK 143
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                                                                                                                           1 SIGCDLPQNHGLLSRNTLVLLHQMRRIS---PFLCLKDRRDFRFPQEMVKGSQLQKAHVM 77
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                                                                                           27 SLDCNLLNVH--LRRVTWQNLRHLSSMSNSFPVECLRENIAFELPQEFLQYTQPMKRDIK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Chen, Jian
APPLICANT: Chen, Jian
APPLICANT: Godowski, Paul
APPLICANT: Godowski, Paul
APPLICANT: Shang, Dong-Xiao
TITLE OF INVENTION: HUMAN INTERERON-EPSILON: A TYPE I INTERFERON
FILE REFERENCE: P1224R2 (filled)
CURRENT APPLICATION NUMBER: US/09/202,122
CURRENT FILLNG DATE: 1999-03-04
PRIOR FILING DATE: 1999-03-04
PRIOR PLICATION NUMBER: PCT/US98/25672
                                                                                                                                                                                                                                                                                            144 ENEMKPSEARVPQLSSLELRRYFHRIDNFLKEKKYSDCAWEIVRVEIRRCLY 195
                                                                                                                                                                                                                                                                                                                    132 -----SAGAISSPALTLRRYFQGIRVYLKEKKYSDCAWEVVRMEIMKSLF 176
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                 Pred. No. 6.5e-18;
5: Mismatches 67; Indels
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Patent No. 629987
GENERAL INFORMATION:
APPLICANT: Chen, Jian
APPLICANT: Godowski, Paul
APPLICANT: Wood, William I.
APPLICANT: Zhang, Dong-Xiao
ITILE OF INVENTION: NOVEL TYPE I INTERFERONS
FILE REFERENCE: 11669.50US05
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35.5%; Pic.
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                                            61; Conservative
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                 Best Local Similarity
Matches 61; Conserv
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                                                                                                                                                                                                                                                                            DQQAEYLNQCLEEDENENEDMKEMKENEMKPSEARVPQLSSLELRRYFHRIDNFLKEKKY 178
                                                                                                                                                                                                                                                                                              7 MIQKCLWLEILMGIFIAGTLSLDCNLL-----NVHLRRVTWQNLRHLSSMSNSFPVEC
                                                                                                                                                                                   1 MTNKCLLQIALLLCFSTTALSMSYNLLGFLQRSSNFQCQKLLWQ-----LNGRLEYC
                                                                                            Length 187;
                                                                                                                          Indels
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APPLICANT: Goelz, Susan E
APPLICANT: Cate, Richard L
APPLICANT: Chow, Papinsky, Blake R
APPLICANT: Chow, Pingchang E
TITLE OF INVENTION: No. 6127332el Muteins Of IFN-Beta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: James F. Haley, Jr. STREET: Fish & Neave, 1251 Avenue of the Americas STRIY: New York STATE: New York
                                                                                            DB 6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Version #1.25
                                                                                        Score 246.5; DB 6
Pred. No. 8.5e-19;
                                                                                                                       26; Mismatches
                                                                                                                                                                                                                                                                                                                                           SDCAWEIVRVEIRRCLYYFYKFTALFR 205
                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compartible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US/08/912,768
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APPLICATION NUMBER: 08/475,774
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 3, Application US/08912768 Patent No. 6127332
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (212) 596-9000
TELEFAX: (212) 596-9090
INFORMATION FOR SEQ ID NO: 3:
                                                                                           22.4%;
32.9%;
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REGISTRATION NUMBER: 27,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER:
FILING DATE: 27-OCT-1980
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 187 amino acids
TYPE: amino acid
                                                                                                                         68; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CIT1.
STATE: NC.
COUNTRY: USA
10020-1104
                                                                                           Query Match
Best Local Similarity
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                             LENGTH: 187
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              SEQ ID NO:1:
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                                                                                                                                                                                                                                                     DQQAEYLNQCLEEDENENEDMKEMKENEMKPSEARVPQLSSLELRRYFHRIDNFLKEKKY 178
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                                              Gaps
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                                                                                                                         1 MINKCLLQIALLLCFSTTALSMSYNLLGFLQRSSNFQCQKLLWQ-----LNGRLEYC 52
                                                                               7 MIQKCLWLEILMGIFIAGTLSLDCNLL-----NVHLRRVTWQNLRHLSSMSNSFPVEC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Sugano, Haruo; Muramatsu, Masami; Taniguchi, Tadatsugu
TITLE OF INVENTION: DNA AND RECOMNINANT PLASMID
                                            29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            29;
    Length
                                              Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   E: Sterne, Kessler, Goldstein & Fox P.L.L.C. 1100 New York Avenue, Suite 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            84;
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  Score 245.5; DB 3 Pred. No. 1.1e-18;
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32.9%; Pred. No. 1.1e
ive 26; Mismatches
                                              Mismatches
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APPLICATION NUMBER: US/06/201,359
FILING DATE: 27-0CT-1980
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                                         26;
22.3%;
32.9%;
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                                              Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Bodo, G. APPLICANT: VOA, T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Washington
                       Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Patent No. 5326859
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                                              . 89
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Best Local {
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NUMBER OF SEQUENCES: 5
CURRENT APPLICATION DATA:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Patent No. 5514567
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US-09-206-936-7
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5514567-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 MTNKCLLQIALLLCFSTTALSMSYNLLGFLQRSSNFQCQKLLWQ-----LNGRLEYC
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                                                                   APPLICANT: Chen, Jian
APPLICANT: Godowski, Paul
APPLICANT: Godowski, Paul
APPLICANT: Wood, William I.
APPLICANT: Zhang, Dong-Xiao
TITLE OF INVENTION: HUMAN INTERFERON-EPSILON: A TYPE I INTERFERON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          29;
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                                                                                                                                                                                                                                                                                                                                                                                                    22.4%; Score 246.5; DB 4 32.9%; Pred. No. 8.5e-19;
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APPLICANT: Chen, Jian
APPLICANT: Godowski, Paul
APPLICANT: Wood, William I.
APPLICANT: Lang, Dong-Xiao
TITLE OF INVENTION: NOVEL TYPE I INTERFERONS
FILE REFERENCE: 11669.50US05
                                                                                                                                                                                                                                                                                                                                                                                                                                         26; Mismatches
                                                                                                                                           TITLE OF INVENTION: HUMAN INTERFERON-EPSI FILE REFERENCE: P1224R2 (filed)
CURRENT APPLICATION NUMBER: US/09/202,122
CURRENT ELLING DATE: 1999-03-04
PRIOR APPLICATION NUMBER: PCT/US98/25672
PRIOR FILING DATE: 1998-12-03
NUMBER OF SEQ ID NOS: 12
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CURRENT FILING DATE: 1998-12-07
EARLIER APPLICATION NUMBER: 60/084,045
EARLIER FILING DATE: 1998-05-04
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 7
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                  Sequence 9, Application US/09202122 Patent No. 6299869
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US-09-202-122-9
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Best Local Similarity
Matches 68; Conserva
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Matches 68; Conserv
                                                        GENERAL INFORMATION:
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 US-09-202-122-9
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119 DQQAEYLNQCLEEDENENEDMKEMKENEMKPSEARVPQLSSLELRRYFHRIDNFLKEKKY 178
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                                                                                                            60 LRENIAFELPQEFLQYTQPMKRDIKKAFYEMSLQAFNIFSQHTFKY-WKERHLKQIQIGL 118
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                                                    1 MINKCLLQIALLLCFSTTALSMSYNLLGFLQRSSNFQCQKLLWQ-----LNGRLEYC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       22.4%; Score 246.5; DB 4; 32.9%; Pred. No. 8.5e-19; iive 26; Mismatches 84;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Chen, Jian
APPLICANT: Wood, William I.
TITLE OF INVENTION: No. 6300475el Inteferon
FILE REFERENCE: P1224R1
CURRENT APPLICATION NUMBER: US/09/206,936A
CURRENT FILING DATE: 1998-12-07
EARLIER APPLICATION NUMBER: US 60/067,897
EARLIER FILING DATE: 1998-12-08
NUMBER OF SEQ ID NOS: 22
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FILING DATE: 06-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 389,922
FILING DATE: 18-JUN-1982
APPLICATION NUMBER: 201,359
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CORRESPONDENCE ADDRESS:
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                  7 MIQKCLWLEILMGIFIAGTLSLDCNLL-----NVHLRRVTWQNLRHLSSMSNSFPVEC
                                                        1 MTNKCLLQIALLLCFSTTALSMSYNLLGFLQRSSNFQCQKLLWQ-----LNGRLEYC
                                                                                                                                                                             119 DQQAEYLNQCLEEDENENEDMKEMKENEMKPSEARVPQLSSLELRRYFHRIDNFLKEKKY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NOVEL TYPE I INTERFERONS
                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Chen, Jian
APPLICANT: Godowski, paul J.
APPLICANT: Wood, William I.
TITLE OF INVENTION: NOVEL TYPE I INTERFERONS
FILE REFERENCE: P1224-21;
CURRENT APPLICATION NUMBER: US/09/206,903A
CURRENT FILING DATE: 1998-12-07
PRIOR FILING DATE: 1998-11-07
NUMBER OF SEQ ID NOS: 12
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Patent No. 6270989

GENERAL INFORMATION:

APPLICANT: Treco, Douglas A.

APPLICANT: Heartlein, Michael W.

APPLICANT: Selden, Richard F.
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ORGANISM: Homo sapiens
US-09-206-903A-9
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Best Local Similarity
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Brook, Smith & Reynolds,
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CURRENT APPLICATION DATA:
FILING DATE: 17-MAR-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US93/11704
FILING DATE: 02-DEC-1993
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/911,533
FILING DATE: 10-JUL-1992
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 07/787,840 FILLING DATE: 05-NOV-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 07/789,188 FILING DATE: 05-NOV-1991 PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/243,391
FILING DATE: 13-MAY-1994
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 07/985,586 FILING DATE: 03-DEC-1992
                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
                       Two Militia Drive
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                                            Lexington
Massachusetts
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                                                                                                                                               COMPUTER READABLE FORM:
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Best Local Similarity
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Sequence 9, Appli
Sequence 9, Appli
Sequence 7, Appli
Sequence 7, Appli
Sequence 7, Appli
Sequence 3, Appli
Sequence 3, Appli
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Patent No. 5326859
Sequence 9, Appli
Sequence 8, Appli
Sequence 8, Appli
Sequence 23, Appli
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55.042 Million cell updates/sec
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Sequence 12,
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Sequence 2, Al
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1 MSTKPDMIQKCLWLEILMGI.....VEIRRCLYYFYKFTALFRRK 207
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2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/pcTUS_COMB.pep:*
GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
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US-09-206-903A-9
US-08-406-030A-30
US-09-202-122-9
US-09-206-935-7
US-09-206-936-7
5514567-1
US-08-912-768-3
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US-09-206-903A-8
US-09-206-935-23
US-09-206-935-16
US-09-206-935-16
US-08-438-738-12
US-08-443-883A-12
US-08-631-328-12
US-08-631-328-12
US-08-65-524B-12
US-08-455-021B-12
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5-08-631-328-2
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Maximum Match 100%
Listing first 45 summaries

    protein search, using sw model

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Gapop 10.0 , Gapext 0.5
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length: 2000000000
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Sequence Seq		ch 187; ls 29;
	MENTS ALPHA-INTEREERON AND/OR AND, MAIER & NEUSTADT, ighway, Suite 400 Version #1.25	B 1; Length 19; 84; Indels
US-08-954-395A-18 US-09-206-935-18 US-09-205-264-3 US-09-205-264-3 US-08-438-753B-32 US-08-43-883A-32 US-08-455-524B-32 US-08-455-524B-32 US-09-45-467-32 US-09-39-913B-78 US-09-39-913B-78 US-08-438-753B-44 US-08-438-753B-44 US-08-438-83A-4 US-08-43-883A-4 US-08-443-883A-4 US-08-443-883A-4 US-08-443-883A-4 US-08-443-883A-4 US-08-443-883A-4 US-08-443-883A-4	ALIGN 758 TOR TR USING CCLELL avis H 1.0, 26,758	= "Hu-IFN-beta" Score 246.5; DB Pred. No. 8.5e-1 26; Mismatches
172 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ASSULT 1 S-08-026-758-22 Sequence 22, Application US/08026755 Batent No. 5780021 TITLE OF INVENTION: A METHOD FOT TITLE OF INVENTION: DISEASES US NUMBER OF SOUGHNES: 26 CORRESPONDENCE ADDRESS: ADDRESSEE: P.C. ADDRESSEE: COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IBM PC COMPATION: ADDLICATION NUMBER: US/08/026 FILING DATE: 19930305 CLASSIFICATION: A24 ATTORNEY AGENT INFORMATION: NAME: ODLON, NO. 5780021man FRECHECHENCPOCKET NUMBER: 24,618 REFERENCE/DOCKET NUMBER: 1126 FELECHMONICATION INFORMATION: TELEPHONE: (703) 413-2220 TELEFAX: (704) 413-2220 TELEFAX: (704) 413-2220 TELEFAX: (704) 413-2220 TELEF	/note 22.4%; 32.9%; ive
4.1.2.2.1.1.2.2.1.1.2.2.1.1.2.2.1.1.2.2.1.1.2	ULT 1 08-026-758-22 equence 22, Application atent No. 5780021 GENERAL INFORMATION: APPLICANT: SOBEL, DOU TITLE OF INVENTION: DOU TOURESSEE: OBLON, S ADDRESSEE: OBLON, S TREET: 1755 S. Jef CITY: Arington STREET: UITGINIA COUNTRY: U.S.A. ZIP: 22202 ZUNFY: U.S.A. ZIP: 22202 COMPUTER READABLE FORM MEDIUM TYPE: FLOPPY MEDIUM TYPE: PLOPEN APPLICATION DA APPLICATION NUMBER: FILING DATE: 199303 CLASSIFICATION NUMBER: FILING DATE: 199303 CLASSIFICATION NUMBER: FILING DATE: (703) 413- TELEPHONE: (703) 413- TYPE: MANE: (703) 413- TELEPHONE: (703) 413-	:: INFORMATION: /n 1NFORMATION: /n 8-22 h 22 Similarity 32. 68; Conservative
23. 23. 23.3 23.3 23.3 23.3 23.3 23.3 2	SULT 1 -08-026-758-22 Sequence 22, App Patent No. 57800 GENERAL INFORMA APPLICANT: S TITLE OF INVE TORRESSEE: ADDRESSEE: COMPUTER: ATTERENTANDIO TELECAMIONICA TELECOMMUNICA TORDOLOGY: MOLECULE TYPE	URE ME/ CAT HER -75
22 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RESULT 1 US-09-026-7 Sequence Sequence BAPELIC APPLIC CORRES CORE	; FEAT; ; NA ; NA ; OU ; OU US-08-026 Query M Best Lo Matches
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